

In the Claims:

Please amend the following claims:

1. (Currently amended) A homogeneous composition of a mammalian DNA-R or derivative thereof having a molecular weight of about 150 kilodaltons determined before any post-translational modifications thereof and an amino acid sequence identified by SEQ ID No.:2.

2. (Currently amended) A homogeneous composition of a DNA-binding fragment of a mammalian DNA-R or derivative thereof having a molecular weight of about 63 kilodaltons determined before any post-translational modifications thereof and an amino acid sequence identified by amino acids 1-575 of SEQ ID No.:2.

3. (Currently amended) A homogeneous composition of a soluble mammalian DNA-R or derivative thereof having a molecular weight of about 145 kilodaltons determined before any post-translational modifications thereof and an amino acid sequence identified by SEQ ID No.:2 wherein amino acids 1133-1171 are deleted therefrom.

4. (Currently amended) A cell membrane preparation comprising a mammalian DNA-R or derivative thereof having a molecular weight of about 150 kilodaltons determined before any post-translational modifications thereof and an amino acid sequence identified by SEQ ID No.:2.

5. (Currently amended) A cell membrane preparation comprising a mammalian DNA-R or derivative thereof having a molecular weight of about 63 kilodaltons determined before any post-translational modifications thereof and an amino acid sequence identified by amino acids 1-575 of SEQ ID No.:2.

6. (Currently amended) A cell membrane preparation comprising a mammalian DNA-R or derivative thereof having a molecular weight of about 145 kilodaltons determined before any post-translational modifications thereof and an amino acid sequence identified by SEQ ID No.:2 wherein amino acids 1133-1171 are deleted therefrom.